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H04M 3/42**H04L 12/46****H04L 12/28****H04L 12/54****H04L 12/58****H04M 3/50****H04Q 3/58**(21) Application number: **08282664**(71) Applicant: **NEC CORP**(22) Date of filing: **24.10.96**(72) Inventor: **YAMASHITA HIDEO**(54) **SOUND MAIL NETWORK SYSTEM**

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(57) Abstract:

PROBLEM TO BE SOLVED: To reduce system construction cost and maintenance cost, without making system constitution complicated and to reduce the time of a connection request processing.

SOLUTION: Sound main communication is executed between a sound mail system by means of lines La and Lb and extension telephone sets 2a and 2b, and a sound mail system by means of a local area network to which data terminals 4 and 5 are connected. A key telephone system with sound main server 1 executes sound mail communication protocol-interface processing with the local area network. The key telephone system with sound mail server 1 compresses and accumulates sound mails emitted from the extension telephone sets 2a and 2b or the data terminals 4 and 5, informs a destination of the recording of the sound mail and transmits the sound mails recorded, based on the transmission requests from the extension telephone sets 2a and 2b or the data terminals 4 and 5.

